

MATERIAL SAFETY DATA SHEET
BISSELL INCORPORATED
PRINT DATE: October 5, 2005

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **BISSELL Natural Orange Extract Formula**
Product No. 740
Chemical Formula: Mixture

MANUFACTURER: **24-Hour Emergency Phone Number:**

BISSELL INC. 1(800) 690-3886
P.O. Box 1888
Grand Rapids, MI 49501
(616) 453-4451

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Percent</u>	<u>Exposure Limits</u>	<u>TWACAS Number</u>
d-Limonene	<0.5	N/A	5989-27-5
Alkoxylated linear alcohol	≤ 2.0	None Established	68987-81-5

Also contains surfactants, acrylate copolymer, fragrance, and water.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Solution may be slippery when spilled.

Potential Health Effects:

Eye: Prolonged contact with eyes may cause temporary irritation.

Skin: Prolonged contact with skin may cause temporary irritation.

Inhalation: No hazard in normal use.

Ingestion: Small amounts swallowed during normal handling operations are not likely to cause injury.

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4. FIRST AID MEASURES

EYE: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

SKIN: Wash skin with water. Remove contaminated clothing.

INGESTION: If swallowed, do NOT induce vomiting. Give a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT: None at/or below 212 °F

FLAMMABILITY: None.

EXTINGUISHING MEDIA: Use water, water fog, CO2, dry chemicals or foam.

FIRE and EXPLOSION HAZARDS None

FIRE FIGHTING EQUIPMENT: Fire fighters should wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Absorb and wipe up or rinse away with water.

LARGE SPILL: contain spilled liquid with sand or earth. Place in a disposal container for disposal. After removal, flush area thoroughly with water.

WASTE DISPOSAL: Follow all local, state and federal regulations for large spills.

7. HANDLING AND STORAGE

HANDLING: Use only as directed. Avoid contact with eyes. Use with adequate ventilation. Wash hands before eating.

STORAGE: Store OUT OF REACH OF CHILDREN. Keep container tightly closed when not in use.

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8. PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Not required
PROTECTIVE GLOVES:	Not required
EYE PROTECTION:	Not required
VENTILATION:	Normal

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Golden Tan Liquid
ODOR:	Citrus, Orange Scent
BOILING POINT, 760mm Hg:	212 °F
VAPOR PRESSURE:	Not determined
VAPOR DENSITY:	1
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	1.033 ± 0.005
pH:	8.2 ± 0.3
% Volatile Organic Compounds	0.5

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable
CONDITIONS TO AVOID:	Strong Oxidizers
INCOMPATIBILITY:	Cationic materials and strong oxidizers
HAZARDOUS DECOMPOSITION:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

11. TOXICOLOGICAL INFORMATION

Tested and labeled to CPSC/FHSA requirements. Contains no listed carcinogens.

INGESTION:	The oral LD50 is greater than 5000 mg/kg in rats.
INHALATION:	The inhalation LC50 is greater than 20 mg/L for one hour exposure for laboratory animals.
SKIN:	The primary dermal irritation score was 1.12.

This product is neither a primary eye nor primary skin irritant per FHSA regulations.

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12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY: No information available.
 ENVIRONMENTAL EFFECTS: Not established.

13. DISPOSAL CONSIDERATION

DISPOSAL OF PRODUCT: Disposal methods must be in compliance with all Federal, State or Provincial, and local laws and regulations.

DISPOSAL OF PACKAGING: Disposal methods must be in compliance with all Federal, State or Provincial, and local laws and regulations

14. TRANSPORTATION INFORMATION

TRANSPOTATION:

HAZARD RATING: **Fire: 0** **Toxicity: 0** **Reactivity: 0**

DOT Labeling: None
 DOT Proper Shipping Name: Not Regulated
 DOT Hazard Class: None
 U.S. Surface Freight Classification: Cleaning compound, liquid, NOI

15. REGULATORY INFORMATION:

EEC LABELLING INFORMATION:

Symbol: Xi, N
Contains: D-Limonene
R Phases: R10, 38, 43, 50/53
S Phases: S(2), 24, 37, 60, 61

16. OTHER INFORMATION

Notice:

The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or Provincial laws.

Effective Date: January 18, 2005

Supersedes: December 16, 2003

Prepared by: Jesse J. Williams

This MSDS has been revised in the following section(s): **GENERAL UPDATE**

JJW/sth